

ABSTRACT OF THE DISCLOSURE

The GFP frame transfer apparatus according to the present invention includes a GFP path frame formation unit (7, 8, 11, 13) that stores a label corresponding to a path ID defined to uniquely specify a path from the Ingress node to Egress node within a GFP network in a predetermined field of the extension header area of the GFP frame, stores packets to be transferred through the path in the payload field of the GFP frame and forms a GFP path frame.